ANTENNA SOLUTIONS BY USE CASE

BAĞLAN®

English edition: BağLAN Ltd. 2026

POYNTING

MARINE & COASTAL



POYNTING's marine antennas are designed specifically for harsh sea environments, where physical protection against UV, high salt levels and water spray is as important as antenna performance.

SMALL BOAT
ANTENNA APPLICATION

"UNDER 30 FEET" (Illustrations are for visual purposes only. For detailed installation, consult your authorized reseller or the distributor www.baglan.com.tr.)



OMNI-400 SERIES

OMNI-403
OMNI, MARINE & COASTAL LTE ANTENNA
617 - 2700 MHz, 5 dBi

OMNI-404
OMNI, MARINE & COASTAL LTE/5G ANTENNA
617 -3800 MHz, 2 dBi

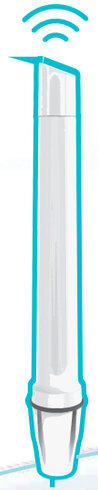


OMNI-402
OMNI, MARINE & COASTAL MIMO LTE/5G ANTENNA
410 - 3800 MHz, 6.2 dBi

OMNI-414
OMNI, MARINE 4x4 MIMO LTE/5G ANTENNA
617 - 3800 MHz, 3.5 dBi



MIMO-3 SERIES
7-IN-1 VEHICLE ANTENNA
410 - 3800 MHz, 6.2 dBi



OMNI-291
OMNI, MARINE & COASTAL ANTENNA
450 - 2700 MHz, 7 dBi



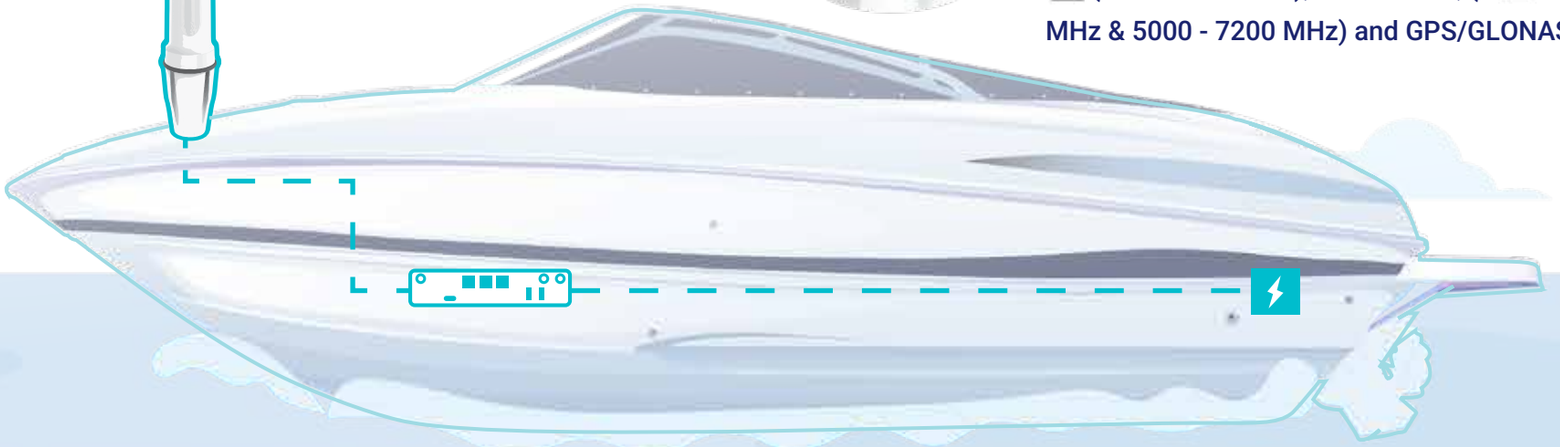
EPNT-4
X-POL, OMNI, 5G/LTE & WI-FI CPE
617 - 4200 MHz, 3dBi, 2400 - 2500 MHz & 5000 - 7200 MHz, 5dBi



MIMO-4
OMNI, 5G/LTE & WI-FI 6E
617 – 6000 MHz 2.4 GHz & 5-7.2 GHz, 6dBi



PUCK SERIES
VEHICLE & IOT/M2M ANTENNA, MIMO LTE/5G
(617 - 4200 MHz), MIMO Wi-Fi, (Dual Band 2400 MHz & 5000 - 7200 MHz) and GPS/GLONASS.



MEDIUM BOAT
ANTENNA APPLICATION

"30 TO 50 FEET" (Illustrations are for visual purposes only. For detailed installation, consult your authorized reseller or the distributor www.baglan.com.tr.)

OMNI-400 SERIES



OMNI-403
OMNI, MARINE & COASTAL LTE ANTENNA
617 - 2700 MHz, 5 dBi

OMNI-404
OMNI, MARINE & COASTAL LTE/5G ANTENNA
617 -3800 MHz, 2 dBi



OMNI-402
OMNI, MARINE & COASTAL MIMO LTE/5G ANTENNA
410 - 3800 MHz, 6.2 dBi

OMNI-414
OMNI, MARINE 4x4 MIMO LTE/5G ANTENNA
617 - 3800 MHz, 3.5 dBi



EPNT-4
X-POL, OMNI LTE/5G & WIFI CPE
617 - 4200 MHz, 3dBi; 2400 - 2500 MHz & 5000 - 7200 MHz, 5dBi

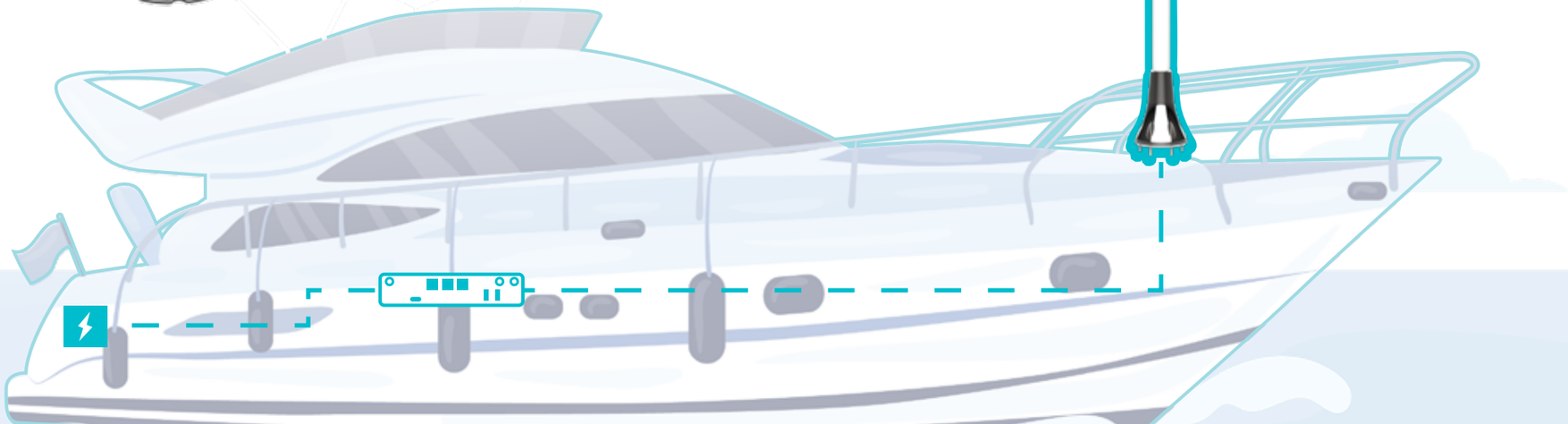


MIMO-4
OMNI LTE/5G & WIFI 6E
617 – 6000 MHz 2.4 GHz & 5-7.2 GHz, 6dBi



RIPPLE
16x16 OMNI, MIMO, LTE/5G CROSS-POLARIZED
617-6000 MHz 9.5 dBi, 4x (4x4) MIMO LTE, 4x4 MIMO Wi-Fi, 4 x 5G Wi-Fi router support

OMNI-900 SERIES (902/904/914)
HIGH GAIN, OMNI-DIRECTIONAL, 4x4 MIMO LTE/5G ANTENNA
617 - 4200 MHz, 8 dBi, 4x4 MIMO



LARGE BOAT
ANTENNA APPLICATION

"UNDER 100 FEET" (Illustrations are for visual purposes only. For detailed installation, consult your authorized reseller or the distributor www.baglan.com.tr.)

OMNI-400 SERIES



OMNI-403

OMNI, MARINE & COASTAL LTE ANTENNA

617 - 2700 MHz, 5 dBi

OMNI-404

OMNI, MARINE & COASTAL LTE/5G ANTENNA

617 -3800 MHz, 2 dBi



OMNI-402

OMNI, MARINE & COASTAL MIMO LTE/5G ANTENNA

410 - 3800 MHz, 6.2 dBi

OMNI-414

OMNI, MARINE 4x4 MIMO LTE/5G ANTENNA

617 - 3800 MHz, 3.5 dBi



WAVEHUNTER

X-POL, HIGH GAIN, OMNI, 5G/LTE, 24x24 MULTI-MIMO ANTENNA ARRAY

617-960MHz & 1710-4200MHz,
11dBi, 6x (4x4 MIMO) + 4x4 MIMO Dual Band Wi-Fi,
6 x 5G Wi-Fi router support



RIPPLE

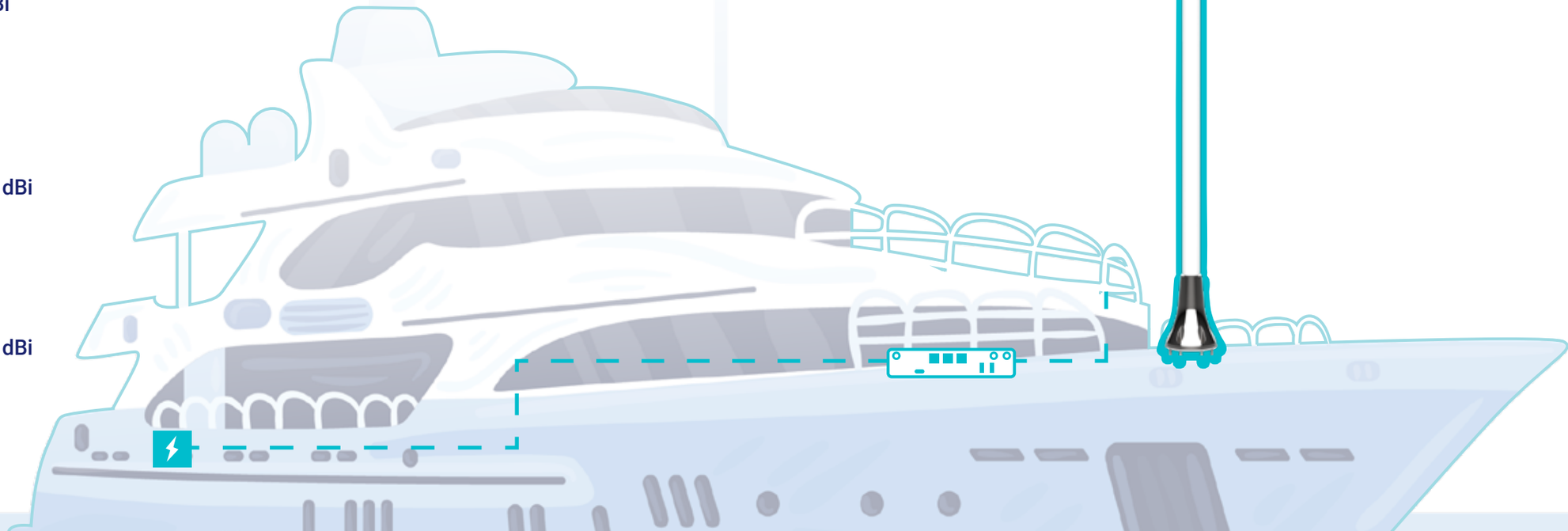
16x16 MIMO, OMNI, MIMO, LTE/5G CROSS-POLARIZED

617-6000 MHz,
9.5 dBi, 4x (4x4) MIMO LTE, 4x4 MIMO Wi-Fi, 4 x 5G Wi-Fi router support

OMNI-900 SERIES (902/904/914)

HIGH GAIN, OMNI, 4x4 MIMO LTE/5G ANTENNA

617 - 4200 MHz,
8 dBi, 4x4 MIMO



VERY LARGE VESSELS

ANTENNA APPLICATION

"OVER 100 FEET" (Illustrations are for visual purposes only. For detailed installation, consult your authorized reseller or the distributor www.baglan.com.tr.)



RIPPLE

16x16 MIMO, OMNI, MIMO, LTE/5G

CROSS-POLARIZED

617-6000 MHz, 9.5 dBi, 4x (4x4)

MIMO LTE, 4x4 MIMO Wi-Fi, 4 x 5G

Wi-Fi router support



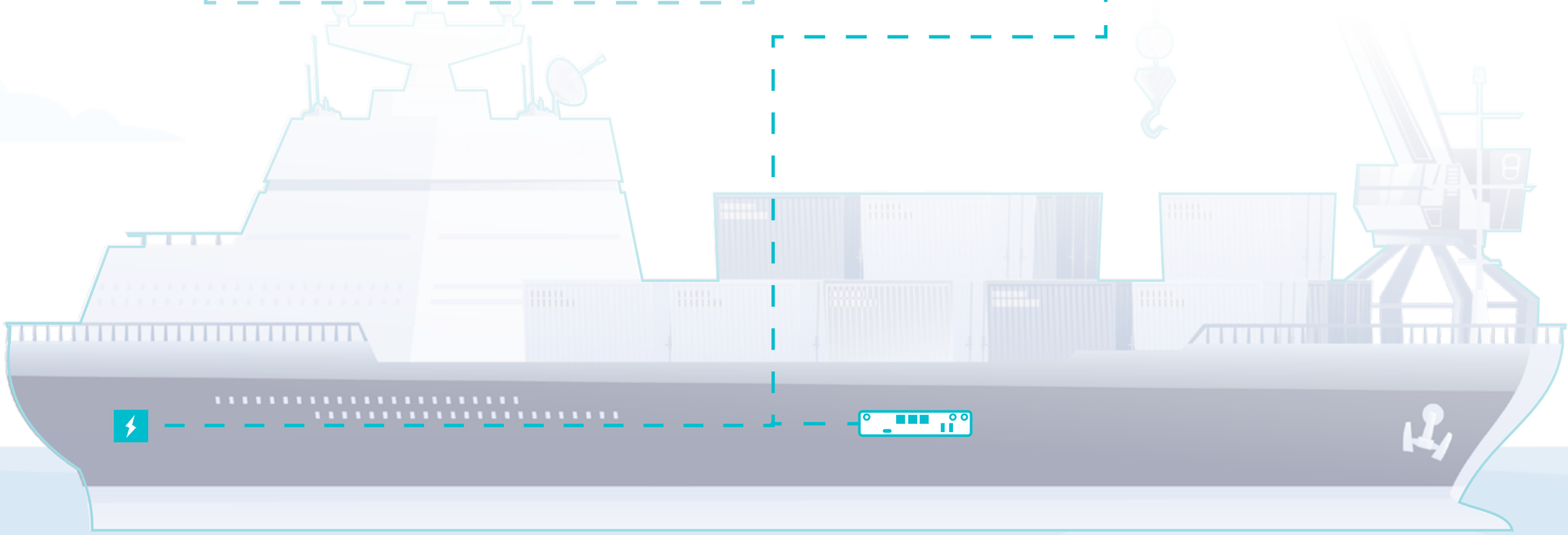
WAVEHUNTER

X-POL, HIGH GAIN, OMNI,
5G/LTE, 24x24 MULTI-MIMO ANTENNA ARRAY

617-960MHz & 1710-4200MHz 11dBi,

6x (4x4 MIMO) + 4x4 MIMO Dual Band

Wi-Fi, 6 x 5G Wi-Fi router support



MINING & TUNNELS



POYNTING is the leader in underground antennas; try our patented circularly polarized conical helix or log-spiral antenna technology.

UNDERGROUND MINES/TUNNELS

ANTENNA APPLICATION

(Illustrations are for visual purposes only. For detailed installation, consult your authorized reseller or the distributor www.baglan.com.tr.)



HELI-4

CIRCULAR POLARIZED, DIRECTIONAL MINE/TUNNEL WI-FI ANTENNA

2400 - 2500 MHz,
14.5 dBi



HELI-31

CIRCULAR POLARIZED, DIRECTIONAL MINE/TUNNEL LTE/5G/WI-FI ANTENNA

1700 - 7200 MHz,
9 dBi



HELI-5

CIRCULAR POLARIZED, DIRECTIONAL MINE/TUNNEL LTE ANTENNA

1710 -2170 MHz,
16 dBi



HELI-42

CIRCULAR POLARIZED, BIDIRECTIONAL MINE/TUNNEL WI-FI ANTENNA

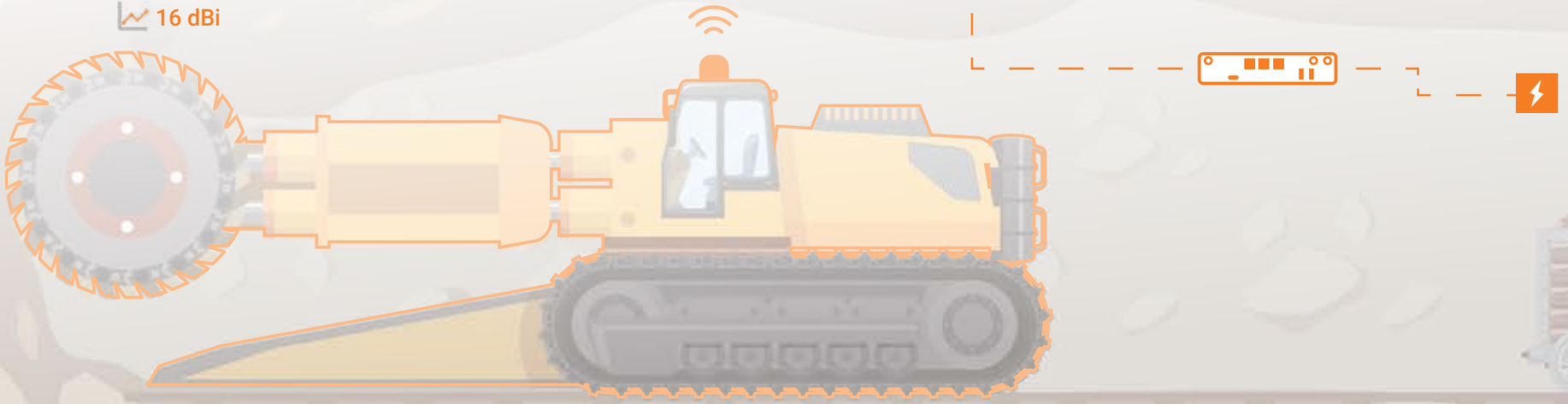
2400 - 2500 MHz, 9.5 dBi
5000 - 6000 MHz, 13 dBi



HELI-22

CIRCULAR POLARIZED, BIDIRECTIONAL MINE/TUNNEL ANTENNA

Dual Band Wi-Fi; 2400 - 2500 MHz,
5000 - 6000 MHz, 11 dBi



OPEN-PIT MINING
ANTENNA APPLICATION



WLAN-60
DIRECTIONAL, DUAL-BAND WI-FI ANTENNA

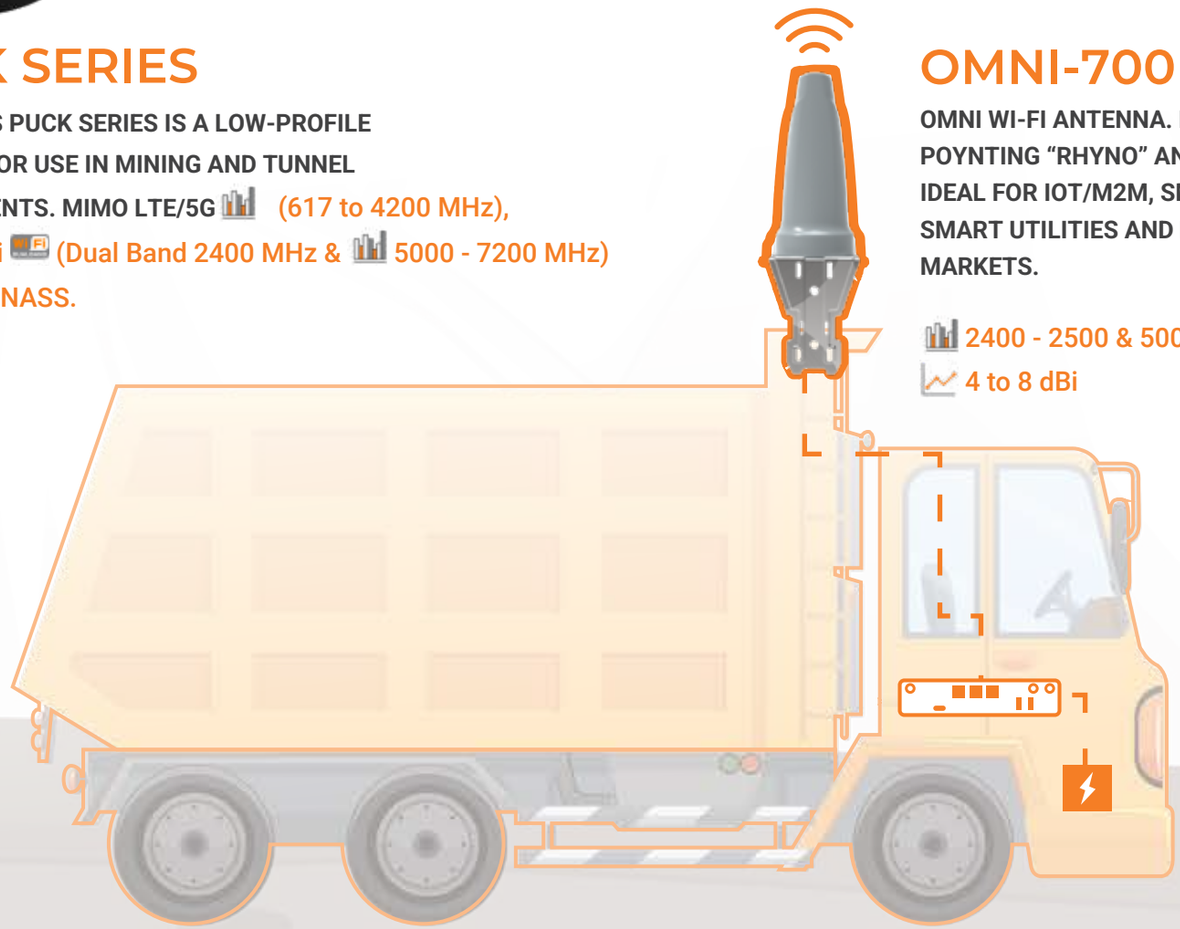
2400 - 2500, 3300 - 3800 & 5000 - 6000 MHz, 18 dBi

WLAN-61
DIRECTIONAL, DUAL-BAND WI-FI ANTENNA

4x4 Wi-Fi (MIMO);
2400 - 2500 MHz, 9 dBi,
5000 - 6000 MHz, 11 dBi



PUCK SERIES
POYNTING'S PUCK SERIES IS A LOW-PROFILE ANTENNA FOR USE IN MINING AND TUNNEL ENVIRONMENTS. MIMO LTE/5G (617 to 4200 MHz), MIMO Wi-Fi (Dual Band 2400 MHz & 5000 - 7200 MHz) & GPS/GLONASS.



OMNI-700 SERIES
OMNI WI-FI ANTENNA. PART OF THE POYNTING "RHYNO" ANTENNA SERIES, IDEAL FOR IOT/M2M, SMART METERING, SMART UTILITIES AND INDUSTRIAL MARKETS.

2400 - 2500 & 5000 - 6000 MHz,
4 to 8 dBi

URBAN & RURAL

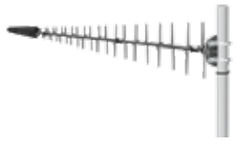


POYNTING's high-gain antenna range can deliver better internet access in rural areas.
With outdoor antennas, individuals and communities in the most remote regions can connect to broadband networks.

RURAL INSTALLATIONS

ANTENNA APPLICATION

(Illustrations are for visual purposes only. For detailed installation, consult your authorized reseller or the distributor www.baglan.com.tr.)



LPDA-500

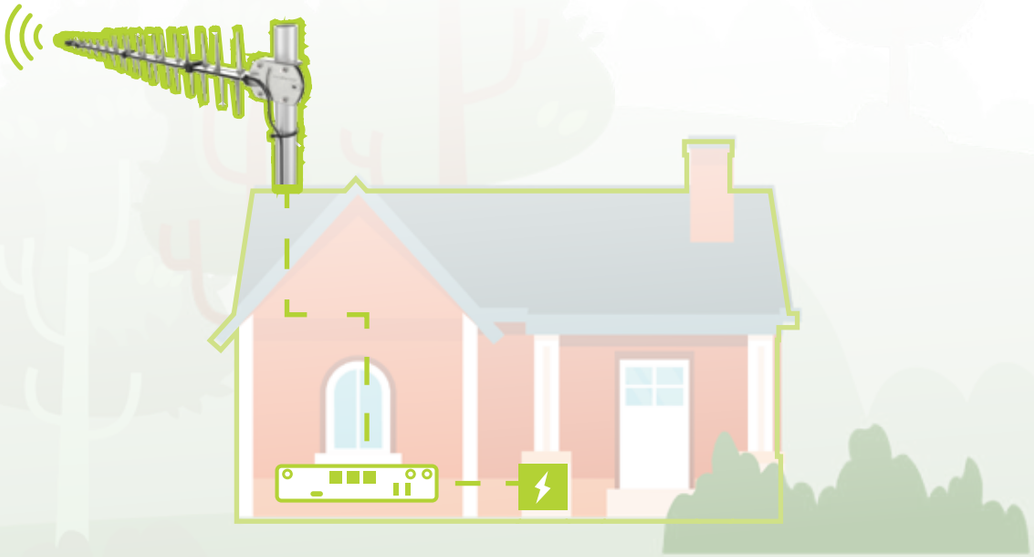
ULTRA-WIDEBAND LOG-PERIODIC DIPOLE ARRAY 5G ANTENNA

617 -7200 MHz 11 dBi

LPDA-92

WIDEBAND LOG-PERIODIC DIPOLE ARRAY 4G

698 -3800 MHz 11 dBi





XPOL-24

X-POL, DIRECTIONAL 4x4 MIMO

5G/LTE ANTENNA

617 - 960 MHz & 1710 - 4200 MHz

11 dBi 4x4 MIMO



XPOL-2-5G

X-POL, DIRECTIONAL LTE ANTENNA

698 -3800 MHz, 11 dBi

2x2 MIMO



EPNT-2

X-POL, HIGH GAIN, DIRECTIONAL 5G/LTE WI-FI CPE

698 -3800 MHz,

4x4 LTE/5G MIMO,

11 dBi 2x2 WI-FI (MIMO),

7 dBi

SUBURBAN INSTALLATIONS

ANTENNA APPLICATION



OMNI-293

OMNI, WIDEBAND
5G/LTE ANTENNA

617 - 3800 MHz, 9 dBi

OMNI-600

OMNI, 2x2 MIMO
LTE ANTENNA

LTE, 410 - 3800 MHz,
6.2 dBi, 2x2 MIMO



OMNI-214

OMNI, 4x4 MIMO
LTE/5G ANTENNA

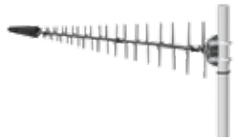
617 - 3800 MHz, 3.5 dBi



EPNT-2

X-POL, HIGH GAIN,
DIRECTIONAL 5G/LTE WI-FI CPE

698 -3800 MHz,
4x4 LTE/5G MIMO,
11 dBi 2x2 WI-FI (MIMO), 7 dBi



LPDA-500

ULTRA-WIDEBAND LOG-PERIODIC
DIPOLE ARRAY 5G ANTENNA

617 -7200 MHz, 11 dBi



XPOL-2-5G

X-POL, DIRECTIONAL
LTE ANTENNA

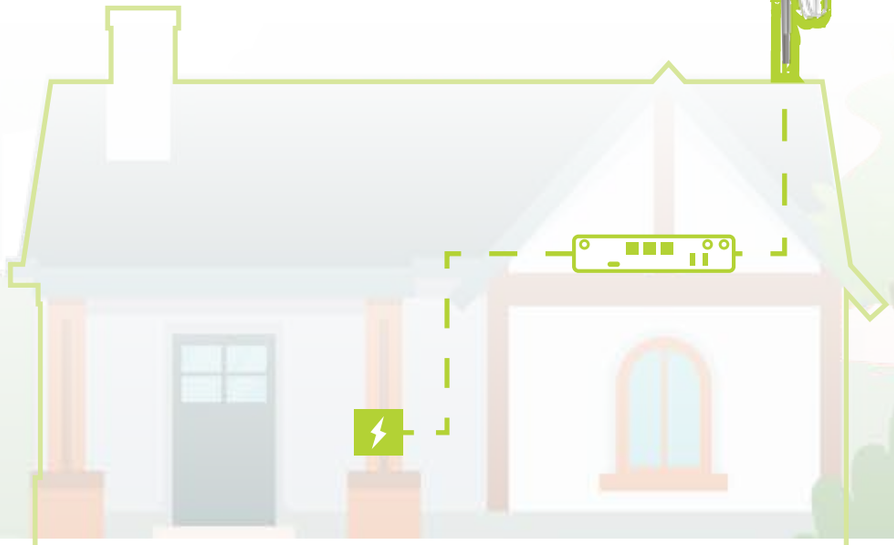
698 -3800 MHz, 11 dBi,
2x2 MIMO



XPOL-24

X-POL, DIRECTIONAL 4x4 MIMO
5G/LTE ANTENNA

617 - 960 MHz & 1710 - 4200 MHz
11 dBi, 4x4 MIMO



URBAN COVERAGE

ANTENNA APPLICATION



XPOL-1-5G

X-POL, OMNI, LTE MIMO ANTENNA

617 - 3800 MHz, 3.5 dBi,
4x4 MIMO

OMNI-600

OMNI, 2x2 MIMO LTE ANTENNA

LTE, 410 - 3800 MHz
6.2 dBi

OMNI-214

OMNI, 4x4 MIMO LTE/5G ANTENNA

617 - 3800 MHz 3.5 dBi



EPNT-4

X-POL, OMNI, 5G/LTE & WI-FI CPE

617 - 4200 MHz,
3dBi; 2400 - 2500 MHz &
5000 - 7200 MHz; 5dBi



EPNT-1

**X-POL,
OMNI
5G/LTE & WI-FI CPE**

617 -3800 MHz,
4x4 LTE/5G MIMO,
4.5 dBi 2x2 WI-FI (MIMO),
7.5 dBi

FARMING & AGRICULTURE



Antennas for smart farming and agriculture, where robust telemetry, control and automation links are essential for higher productivity.

FARM COVERAGE

ANTENNA APPLICATION

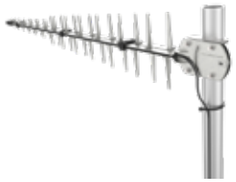
(Illustrations are for visual purposes only. For detailed installation, consult your authorized reseller or the distributor www.baglan.com.tr.)



PUCK SERIES

POYNTING'S PUCK SERIES OFFERS LOW-PROFILE ANTENNAS FOR THE FARMING AND AGRICULTURE MARKET, WITH VARIOUS OPTIONS FOR MIMO LTE/5G.

(617 to 4200 MHz), MIMO WI-FI (Dual Band 2400 MHz & 5000 - 7200 MHz) GPS/GLONASS IN THE SAME HOUSING.



LPDA-92

WIDEBAND LOG-PERIODIC DIPOLE ARRAY ANTENNA

698 -3800 MHz, 11 dBi



LPDA-500

ULTRA-WIDEBAND LOG-PERIODIC DIPOLE ARRAY 5G ANTENNA

617 -7200 MHz, 11 dBi



EPNT SERIES

ROUTER SIZE ACCOMMODATED: 185x145x45 MM³

EPNT-1

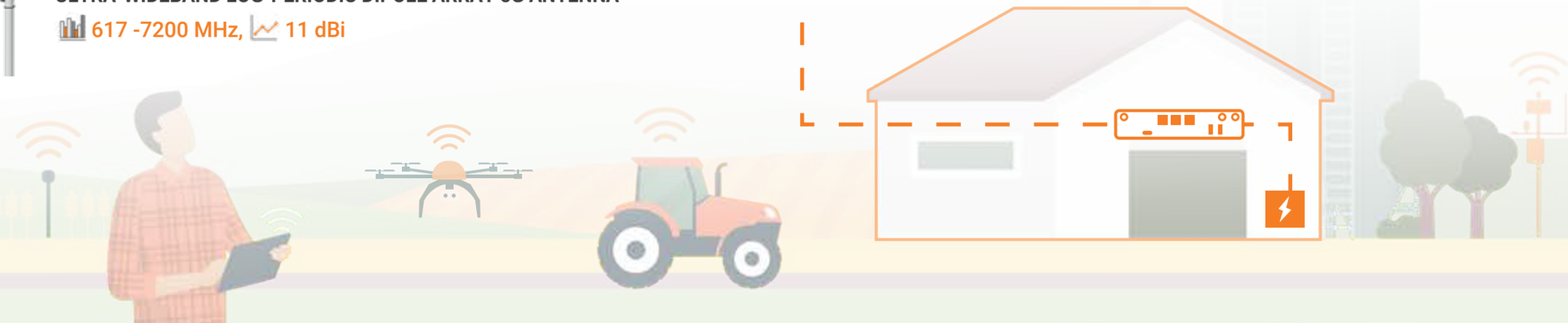
X-POL, OMNI LTE/5G & WI-FI CPE

CELLULAR 4x4 MIMO, 617 - 3800 MHz,
5dBi Wi-Fi: 2x2 MIMO, 2400-2500 & 5000-6000 MHz

EPNT-2

X-POL, OMNI & DIRECTIONAL LTE/5G & WI-FI CPE

CELLULAR 4x4 MIMO, 617 - 960 MHz & 1710 - 4200 MHz,
11dBi, Wi-Fi: 2x2 MIMO, 2400-2500 & 5000-6000 MHz



COMMERCIAL & INDUSTRIAL



We offer a wide range of antennas for secure and fast connectivity of various technologies at your commercial and industrial sites: LTE, Wi-Fi, 5G and more.

OIL & GAS
ANTENNA APPLICATION

(Illustrations are for visual purposes only. For detailed installation, consult your authorized reseller or the distributor www.baglan.com.tr.)



PUCK SERIES

POYNTING'S PUCK SERIES OFFERS LOW-PROFILE OPTIONS FOR THE COMMERCIAL AND INDUSTRIAL MARKETS, INCLUDING MIMO LTE/5G OPTIONS. (617 to 4200 MHz), MIMO Wi-Fi (Dual Band 2400 MHz & 5000 to 7200 MHz) & GPS/GLONASS IN THE SAME HOUSING.



OMNI-700 SERIES

OMNI WI-FI ANTENNA. PART OF THE POYNTING "RHYNO" ANTENNA SERIES, WITH A LOW PROFILE FOR IOT/M2M, SMART METERING, SMART UTILITIES AND INDUSTRIAL MARKETS.

2400 - 2500 & 5000 - 6000 MHz, 4 to 8 dBi



LPDA-500

ULTRA-WIDEBAND LOG-PERIODIC DIPOLE ARRAY 5G ANTENNA

617 -7200 MHz,
11 dBi



EPNT SERIES

ROUTER SIZE ACCOMMODATED: 185x145x45 MM³

EPNT-1

X-POL, OMNI LTE/5G & WI-FI CPE. CELLULAR: 4x4 MIMO, 617 - 3800 MHz, 5dBi Wi-Fi: 2x2 MIMO, 2400-2500 & 5000-6000 MHz

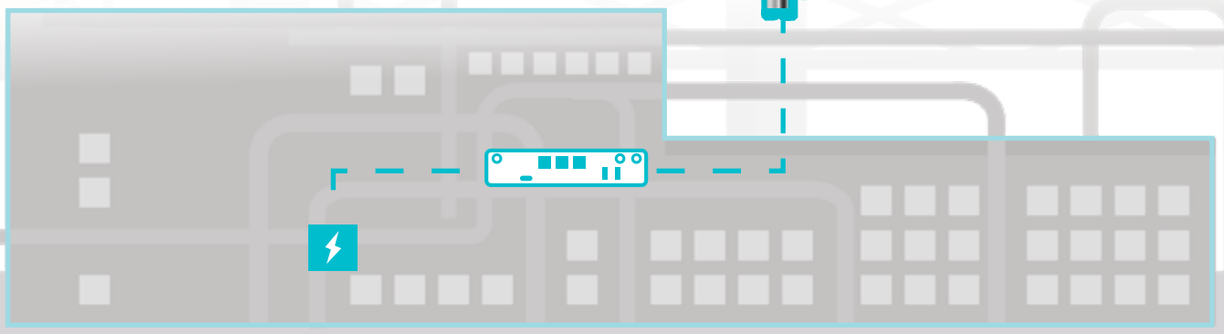
EPNT-2

X-POL, DIRECTIONAL & OMNI LTE/5G & WI-FI CPE. CELLULAR: 4x4 MIMO, 617 - 960 MHz & 1710 - 4200 MHz, 11dBi, Wi-Fi: 2x2 MIMO, 2400-2500 & 5000-6000 MHz



XPOL 5G SERIES

XPOL-1-5G IS AN OMNI ANTENNA AND XPOL-2-5G IS A DIRECTIONAL ANTENNA. THE XPOL-1-5G DELIVERS HIGH PERFORMANCE IN WIDE BANDS: 698 to 3800 MHz 3 dBi.



TRANSPORT & MOBILITY



See our 5-in-1 low-profile MIMO antenna range (LTE, Wi-Fi and GPS) for trucks, trams, rail systems, buses and other modes of transport.

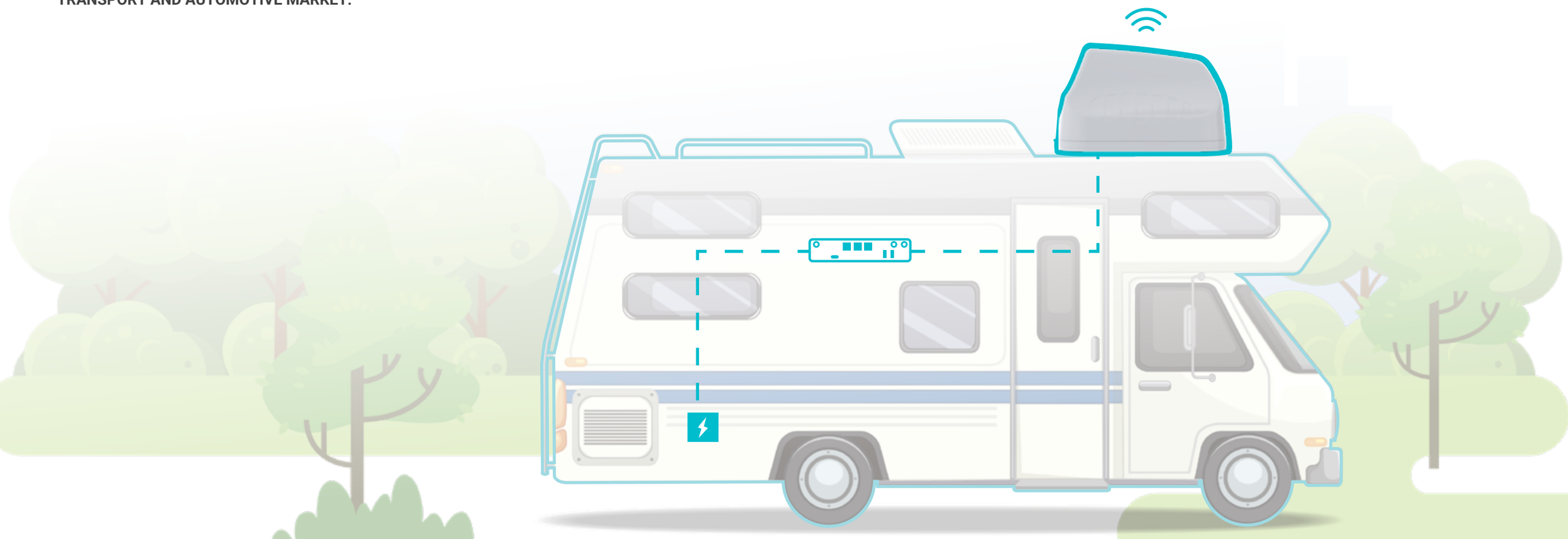
LIGHT VEHICLES
ANTENNA APPLICATION

(Illustrations are for visual purposes only. For detailed installation, consult your authorized reseller or the distributor www.baglan.com.tr.)

MIMO-3 SERIES

MIMO-3-17 - 7-IN-1, 4x4 MIMO TRANSPORT & AUTOMOTIVE ANTENNA

THE MIMO-3 SERIES IS PURPOSE-BUILT FOR TRANSPORT AND AUTOMOTIVE APPLICATIONS. IT OFFERS VARIOUS OPTIONS FOR MIMO LTE/5G. (410 - 3800 MHz), MIMO LTE 4x4 MIMO, 6.2 dBi, MIMO Wi-Fi, 2x2 MIMO, 7 dBi & GPS/GLONASS 21 dBi **ALL IN ONE HOUSING. EXCELLENT OMNIDIRECTIONAL RADIATION PATTERN. TRANSPORT AND AUTOMOTIVE MARKET.**



COMMERCIAL VEHICLES

ANTENNA APPLICATION

(Illustrations are for visual purposes only. For detailed installation, consult your authorized reseller or the distributor www.baglan.com.tr.)

PUCK SERIES

PUCK-5 - 5-IN-1, 2x2 MIMO TRANSPORT & IOT/M2M ANTENNA

POYNTING'S PUCK SERIES OFFERS LOW-PROFILE ANTENNAS (Ø100 MM x 36 MM) FOR THE TRANSPORT AND MOBILITY MARKETS. THE PUCK SERIES SUPPORTS MIMO LTE/5G.

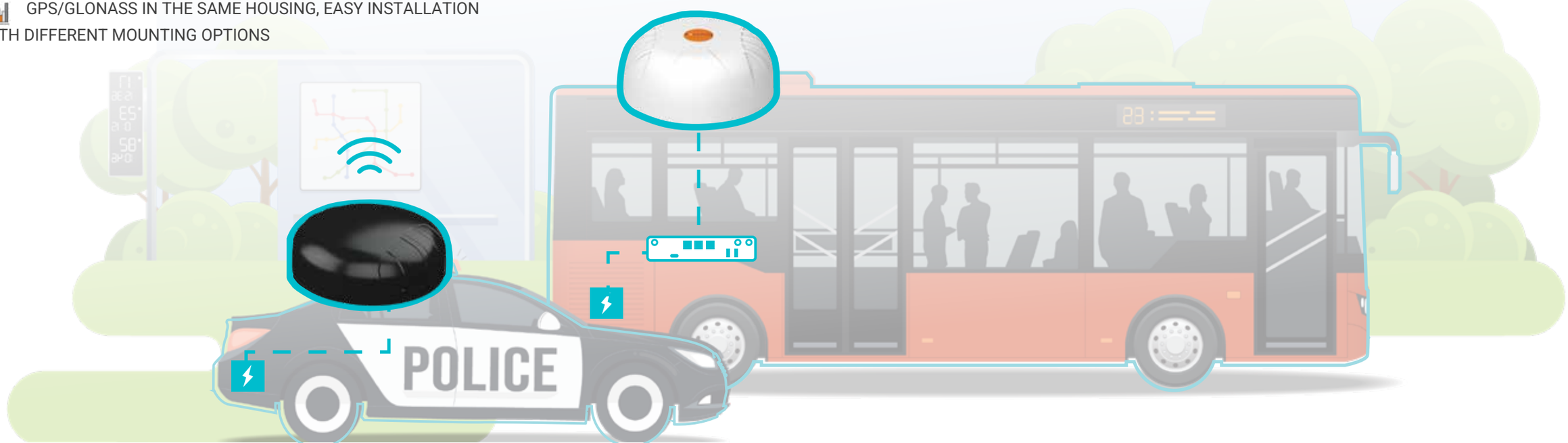
(617 - 4200 MHz) **2x2 MIMO WI-FI** (Dual Band **2400 MHz & 5000 - 7200 MHz)** GPS/GLONASS IN THE SAME HOUSING, EASY INSTALLATION WITH DIFFERENT MOUNTING OPTIONS

MIMO-4

THE MIMO-4 SERIES OFFERS A HIGH-PERFORMANCE, ULTRA-WIDEBAND ANTENNA SOLUTION IN A LOW-PROFILE HOUSING (Ø160 MM x 65 MM) FOR TRANSPORT AND MOBILITY USE.

THE MIMO-4 ANTENNA SUPPORTS 4x4 MIMO CELLULAR
GPS/GLONASS IN THE SAME HOUSING, EASY INSTALLATION
WITH DIFFERENT MOUNTING OPTIONS

617 – 6000 MHz **4x4 MIMO WI-FI** (Dual Band **2.4 GHz & 5-7.2 GHz,** **6dBi**



IoT, M2M & SMART METERING



Internet of Things (IoT) and machine-to-machine (M2M) devices often operate in areas with poor wireless signal.

SMART METERING
ANTENNA APPLICATION



PUCK SERIES

POYNTING'S PUCK SERIES OFFERS A LOW-PROFILE ANTENNA FOR IOT/M2M, SMART METER AND SMART SERVICE MARKETS.

OPTIONS INCLUDE MIMO LTE/5G.

(617 - 4200 MHz), MIMO Wi-Fi (Dual band 2400 MHz & 5000 - 7200 MHz), GPS/GLONASS IN THE SAME HOUSING.

DASH-1

ULTRA-LOW-PROFILE SMART METER ANTENNA



698 – 2700 MHz, 4dBi



OMNI-297

OMNI, WIDEBAND
LTE/5G POYNTING "RHYNO" ANTENNA

617 - 3800 MHz, 2 dBi



OMNI-300

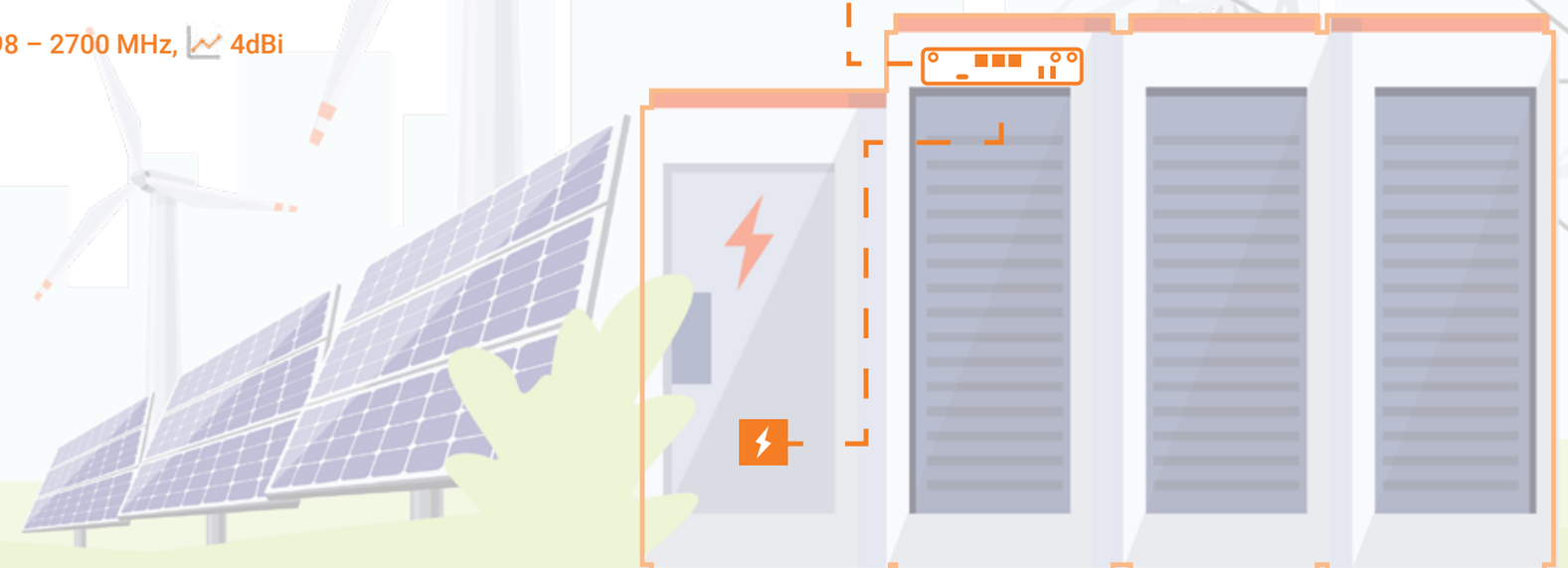
OMNI,
LORA/HELIUM/IOT ANTENNA

868 - 930 MHz, 4.5 dBi

OMNI-121

OMNI
WIDEBAND LTE ANTENNA

698 - 960 MHz, 1.8 dBi
1710 - 2700 MHz, 1.8 6 dBi



INDUSTRIAL IOT
ANTENNA APPLICATION



OMNI-700 SERIES

OMNI WI-FI ANTENNA. PART OF THE POYNTING "RHYNO" ANTENNA SERIES, WITH A LOW PROFILE FOR IOT/M2M, SMART METERING, SMART UTILITIES AND INDUSTRIAL MARKETS.

2400 - 2500 & 5000 - 6000 MHz,
4 to 8 dBi



OMNI-297

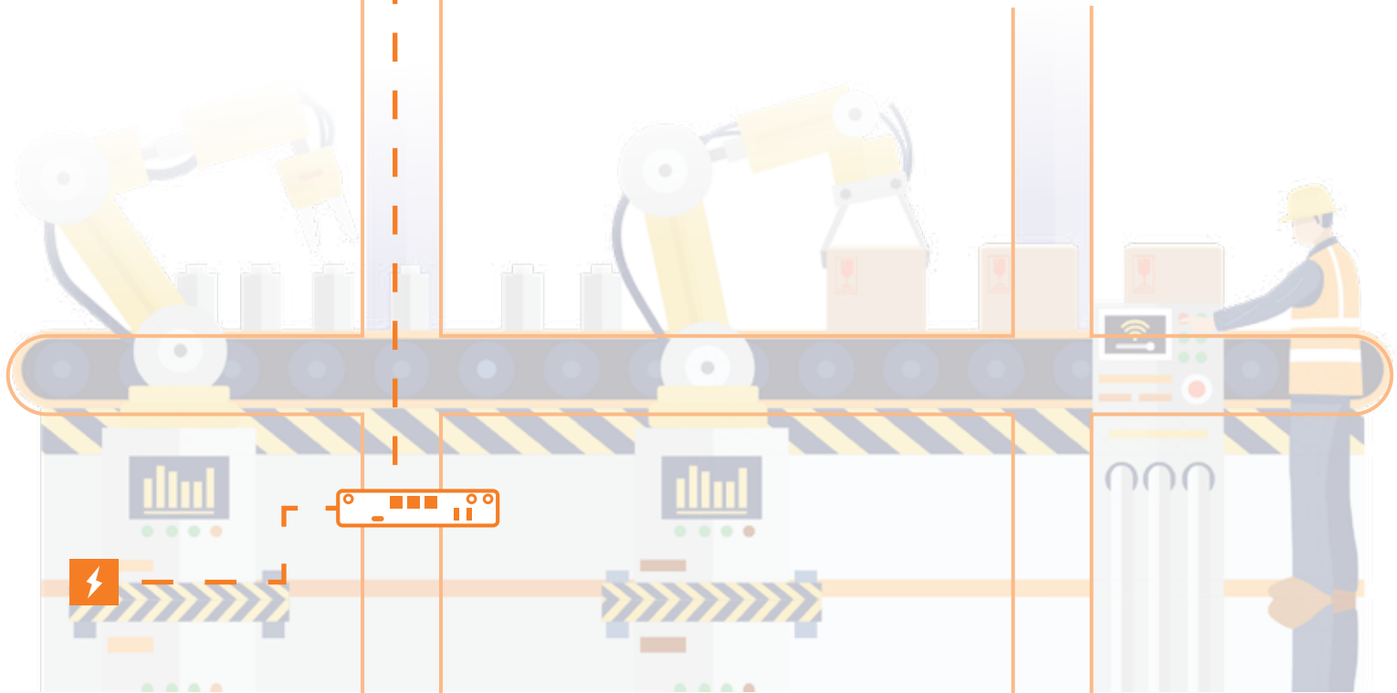
OMNI, WIDEBAND LTE/5G
POYNTING "RHYNO" ANTENNA

617 - 3800 MHz, 2 dBi



PUCK SERIES

POYNTING'S PUCK SERIES OFFERS LOW-PROFILE ANTENNAS FOR IOT/M2M, SMART METER AND SMART SERVICE MARKETS, WITH VARIOUS OPTIONS FOR MIMO LTE/5G. (617 - 4200 MHz), MIMO Wi-Fi (dual band 2400 MHz & 5000-7200 MHz), GPS/GLONASS IN THE SAME HOUSING.



POYNTING

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